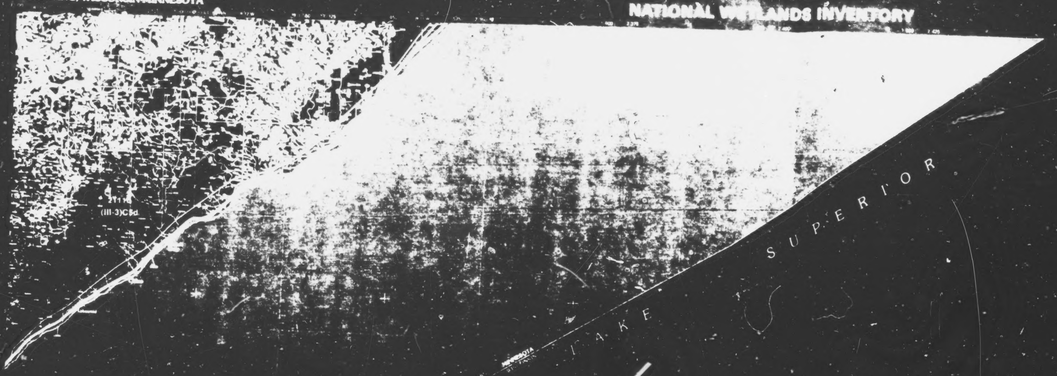
PORT WING, WISCONSIN-MINNESOTA

NATIONAL WETLANDS INVENTORY

30 X 60 MINUTE SERIES (WETLANDS)



1:100 000-scale
wetland map of

Port Wing

WISCONSIN-MINNESOTA

- Wetland classifications
- Highways, roads and other manmade structures
- Water features
- Geographic names

1981

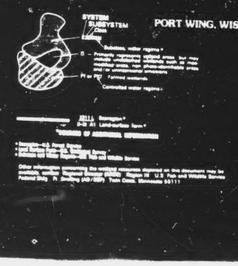
Produced by the United States Fish and Wildlife Service

Wetland classifications made from 1:80 000-scale black and white aerial photographs taken 1978, 1979 and other years as noted

Projection and 10 000-meter grid, zone 15
Universal Transverse Mercator
2.5 000-foot grid ticks based on Wisconsin and Minnesota coordinate systems, north zones
1927 North American Datum
To plots on the predicted North American Datum 1983 move the projection lines 6 meters north and 13 meters east

SPECIAL NOTE

WETLAND LEGEND

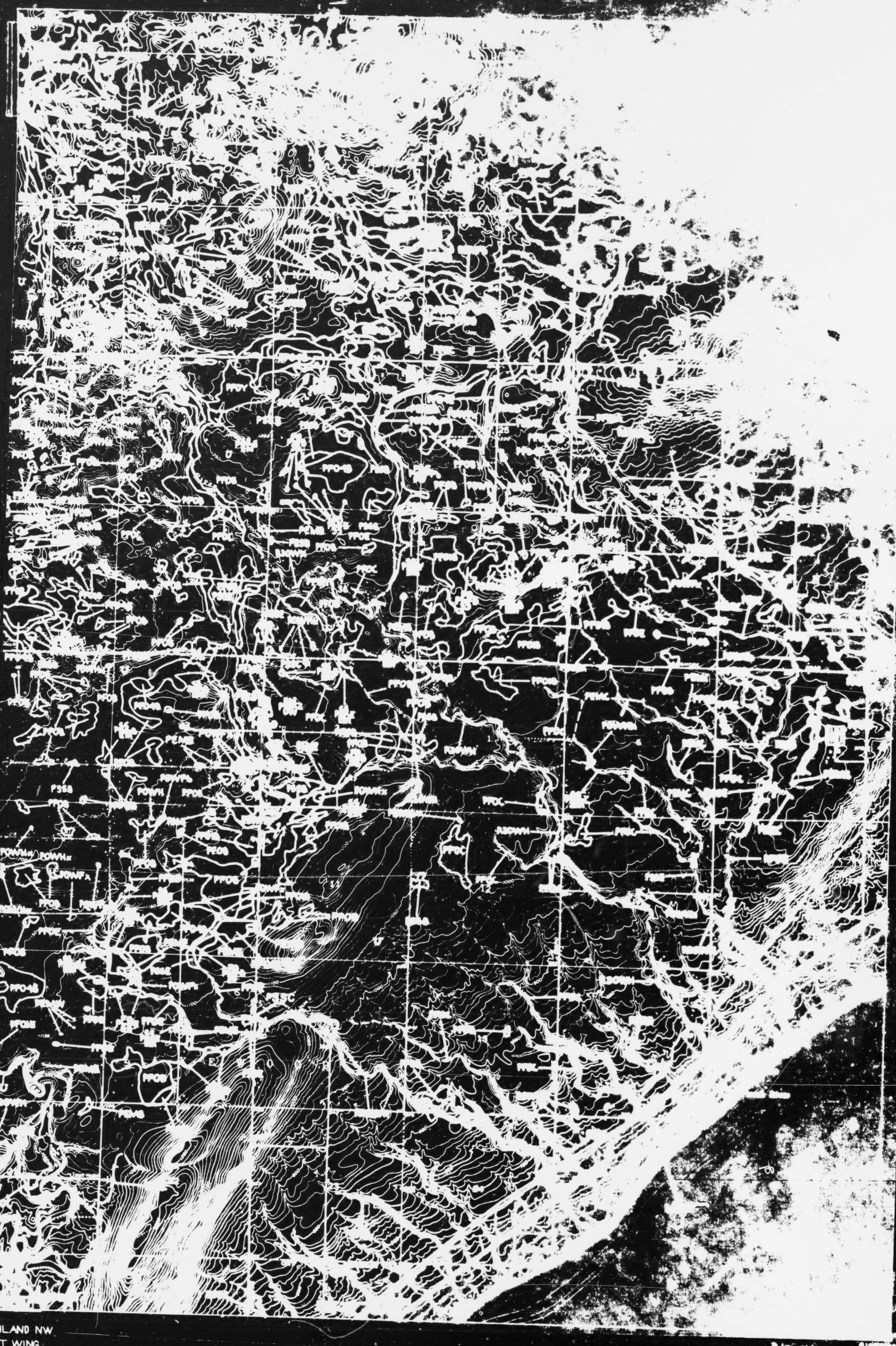


PORT WING, WISCONSIN-MINNESOTA

1981

FOR SALE BY U.S. GEOLOGICAL SURVEY
RESTON, VIRGINIA 22092

NATIONAL WETLANDS INV
UNITED STATES DEPARTMENT OF THE



ASHLAND NW
PORT WING

SCALE 1:24000

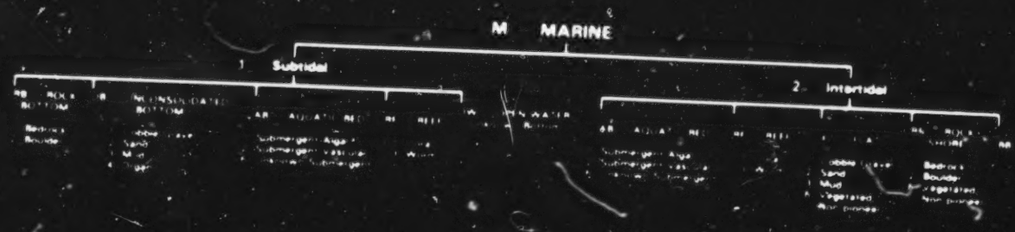
1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 0 1 KILOMETER

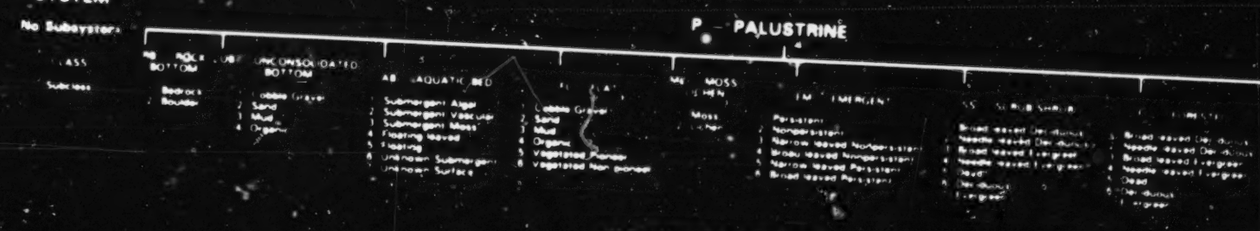
N/P 11/78

FRENCH RIVER, MINN.

WETLAND LEGEND

U Primarily represents upland areas, but may include unclassified wetlands such as man modified areas, non photo identifiable areas and/or unintentional omissions





MODIFYING TERMS

In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME(1)

Non Tidal
- A Temporary
- B Saturated
- C Seasonal
- D Seasonal Well Drained
- E Seasonal Saturated
- F Semipermanent
- G Intermittently Exposed
- H Permanent
- J Intermittently Flooded
- K Artificial
- Z Intermittently Exposed Permanent
- V Intermittently Flooded Temporary
- T Saturated Semipermanent Seasonal
- U Unknown

Tidal
- R Subtidal
- M Irregularly Exposed
- N Regular
- P Irregular
- S Seasonal Tidal
- S Temporary Tidal
- T Semipermanent Tidal
- Y Permanent Tidal
- Unknown

WATER CHEMISTRY

Coastal Salinity
- 1 Hyperhaline
- 2 Euhaline
- 3 Mixohaline (Brackish)
- 4 Polyhaline
- 5 Mesohaline
- 6 Oligohaline
- 0 Fresh

Inland Salinity
- Hypersaline
- 8 Eusaline
- 9 Mixosaline
- Fresh

pH Modifiers for all Fresh Water
- Acid
- Circumneutral
- Alkaline

SOIL
- Organic
- Mineral

SPECIAL MODIFIERS
- Beaver
- Partly drained by man
- Farmed
- Diked Impounded
- Artificial
- Spoil
- Excavated

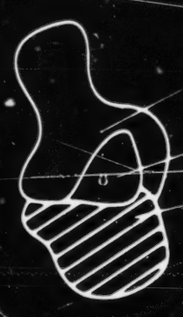
(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above cited source.

SPECIAL NOTE

This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with **Classification of Wetlands and Deep-Water Habitats of the United States** (An Operational Draft), Cowardin, et al, 1977. The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

Federal, State and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, State or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

SYMBOLOGY EXAMPLE



SYSTEM
SUBSYSTEM
CLASS
E2EM5N
SUBCLASS WATER REGIME
UPLAND/NON-WETLANDS
Pf or PKf FARMED WETLANDS
CONTROLLED WATER REGIME

NOTES TO THE USER

- Wetlands which have been field examined are indicated on the map by an asterisk.*
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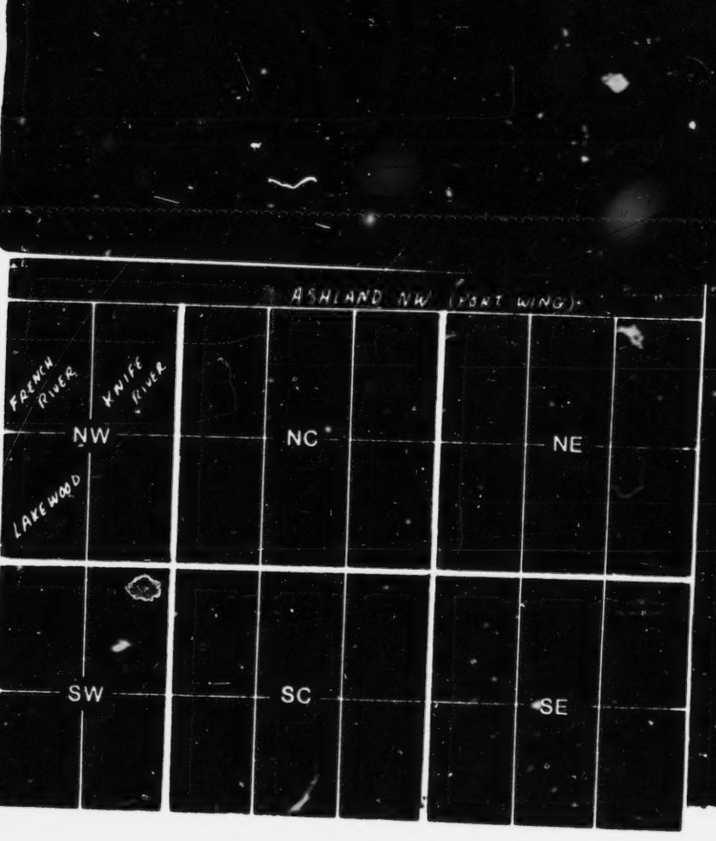

GRID

LAKE

SUPERIOR

Stony Point

Granite Point

Granite Island

Knife River

Knife River, Minn.

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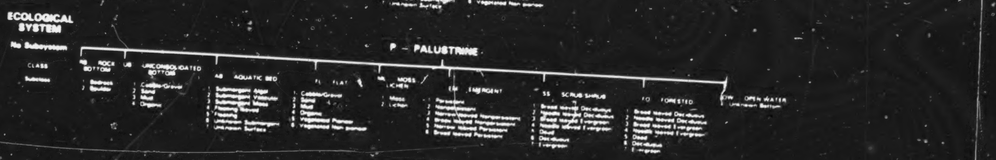

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| WATER REGIMES(1) | | |

LAKE SUPERIOR

APPROXIMATE MEAN LAKE ELEVATION

LIOWH

ST LOUIS CO
DOUGLAS CO

ASHLAND NW
WISCONSIN

SCALE 1:62500

3

46°45'
91°52'30"

N/P 11/78

LAKEWOOD, MINN-WIS.

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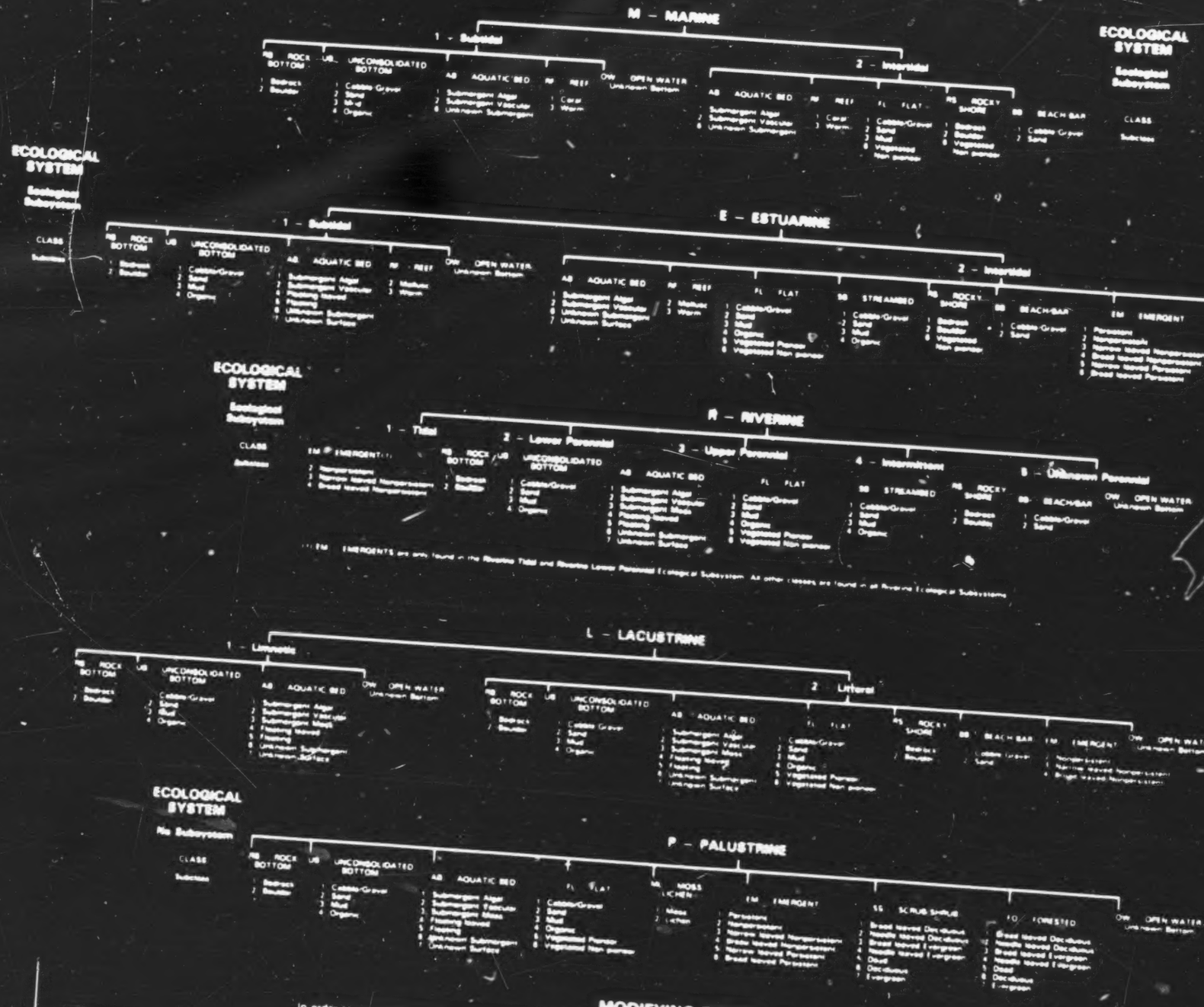

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WATER REGIME(1)			WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal		Tidal	Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water		
A Temporary	H Permanent	K Artificial	1 Hypersaline	7 Hypersaline	a Acid	s Organic	b Beaver
B Saturated	J Intermittently Flooded	L Subtidal	2 Eusaline	8 Eusaline	c Circumneutral	m Mineral	d Partially Drained/Ditched
C Seasonal	K Artificial	M Irregularly Exposed	3 Polysaline	9 Mixosaline	i Alkaline		f Farmed
E Seasonal Well-drained	R Seasonal/Temporary	N Regular	4 Polyhaline (Brackish)	0 Fresh			h Diked/Impounded
F Seasonal Saturated	W Intermittently Exposed/Permanent	P Irregular	5 Mesohaline				r Artificial
G Intermittent	Y Intermittently Flooded/Temporary		6 Oligohaline				s Spoil
H Intermittently Exposed	Z Saturated/Semipermanent/Seasonal		0 Fresh				x Excavated
	U Unknown						
		R Seasonal Tidal					
		S Temporary Tidal					
		T Semipermanent Tidal					
		V Permanent Tidal					
		U Unknown					

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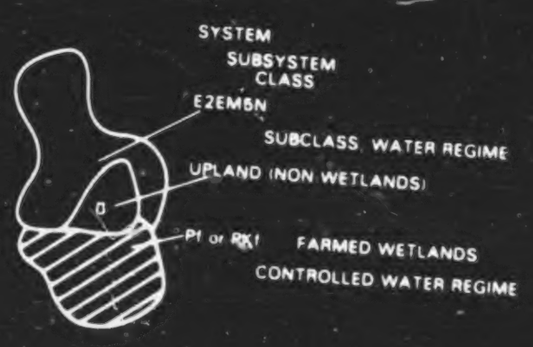

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